

Datasheet for ABIN7196511

IL22 Receptor alpha 1 Protein (Fc Tag,ECD)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	IL22 Receptor alpha 1 (IL22RA1)
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL22 Receptor alpha 1 protein is labelled with Fc Tag,ECD.

Product Details

Purpose:	Recombinant Rat IL-22R/IL22RA1 Protein (ECD, Fc Tag)
Sequence:	Met1-Ala228
Characteristics:	A DNA sequence encoding the rat IL22ra1 (NP_001178798.1) (Met1-Ala228) was expressed with the Fc region of human IgG1 at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg protein as determined by the LAL method.

Target Details

Target:	IL22 Receptor alpha 1 (IL22RA1)
Alternative Name:	IL-22R/IL22RA1 (IL22RA1 Products)
Background:	Background: IL-22R belongs to the type II cytokine receptor family. It contains 2 fibronectin type-III domains and is expressed in colon, liver, lung, pancreas and kidney. IL-22R also can be expressed in keratinocytes of normal skin as well as in psoriatic skin lesion. Overexpression of

Target Details

IL-22R can be detected in synovial fluid cells from rheumatoid arthritis and spondyloarthropathy patients. IL-22R is a component of the receptor for IL20, IL22 and IL24. The component of IL-22R formed by IL22RA1 and IL10RB enables IL22 signaling via JAK/STAT pathways. IL22 also induces activation of MAPK1/MAPK3 and Akt kinases pathways. Component of one of the receptor for IL20 and IL24 formed by IL22RA1 and IL20RB also signaling through STATs activation. IL-22R mediates IL24 antiangiogenic activity as well as IL24 inhibitory effect on endothelial cell tube formation and differentiation.

Synonym: IL-22R, IL22RA1

Molecular Weight: 50.8 kDa

NCBI Accession: [NP_001178798](#)

Application Details

Restrictions: For Research Use only

Handling

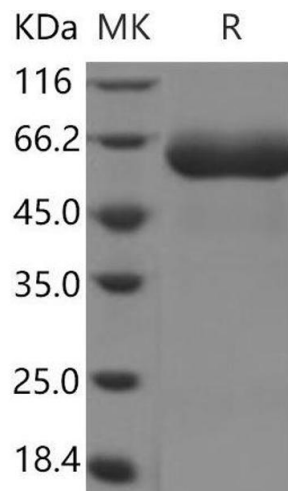
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.